20

21

- 2. The electronic device of claim 1, wherein the wireless radio comprises an ultra-wideband (UWB) radio.
- 3. The electronic device of claim 1, wherein the processor is further configured to:
 - establish a communication between the electronic device ⁵ and the terminal at a distance greater than 4 cm via a short-range wireless radio on the electronic device; and
 - in response to establishing the communication, initiate the transaction with the terminal via the short-range wire-
- **4**. The electronic device of claim **3**, wherein the processor is further configured to receive authentication information indicating that the transaction is authorized.
- **5**. The electronic device of claim **4**, wherein the authentication information comprises a personal identification number (PIN), a fingerprint, a facial image, or a voice sample.
- **6**. The electronic device of claim **3**, wherein the short-range wireless radio comprises a Bluetooth radio.
- 7. The electronic device of claim 1, wherein the location information is based at least in part on a time of flight of the poll and response messages.
- **8.** A non-transitory computer-readable medium storing instructions that, when executed by a processor of an electronic device, cause the processor to perform operations, the operations comprising:
 - storing a map module that includes a location of a terminal, wherein the terminal comprises a fast passage gate, and wherein the map module indicates one or more eligible credentials compatible with the fast passage gate;

receiving, via a wireless radio, location information;

- based at least in part on the location information, determining that a distance between the electronic device and the terminal is less than a first predetermined distance, wherein the first predetermined distance varies based on a rate at which the electronic device approaches the terminal;
- in response to determining the distance between the electronic device and the terminal is less than the first predetermined distance, presenting the one or more eligible credentials, wherein a length of time for presenting the one or more eligible credentials varies 45 based on the rate at which the electronic device approaches the terminal;
- selecting a credential from the one or more eligible credentials after presenting the one or more eligible credentials; and
- initiating a transaction with the terminal using the selected credential.
- **9.** The non-transitory computer-readable medium of claim **8**, wherein the operations further comprise:

receiving, via the wireless radio, a poll message;

- in response to receiving the poll message, sending, via the wireless radio, a response message, wherein the location information is based at least in part on the poll and response messages.
- **10**. The non-transitory computer-readable medium of 60 claim **8**, wherein the operations further comprise:
 - establishing a communication between the electronic device and the terminal via a short-range wireless radio on the electronic device; and
 - in response to establishing the communication, initiating 65 the transaction with the terminal via the short-range wireless radio.

22

- 11. A method for selecting a credential from a plurality of credentials stored on an electronic device, the method comprising:
 - storing a map module that includes a location of a terminal, wherein the terminal comprises a fast passage gate, and wherein the map module indicates one or more eligible credentials of the plurality of credentials, wherein the one or more eligible credentials are compatible with the fast passage gate;

receiving, via a wireless radio, a poll message;

- in response to receiving the poll message, sending, via the wireless radio, a response message;
- receiving, via the wireless radio, location information, wherein the location information is based at least in part on the poll and response messages;
- based at least in part on the location information, determining that a distance between the electronic device and the terminal is less than a predetermined distance, wherein the predetermined distance varies based on a rate at which the electronic device approaches the terminal:
- in response to determining the distance between the electronic device and the terminal is less than the predetermined distance, present the one or more eligible credentials from the plurality of credentials, wherein a length of time for presenting the one or more eligible credentials varies based on the rate at which the electronic device approaches the terminal;
- selecting a credential from the one or more eligible credentials;
- establishing a communication between the electronic device and the terminal via a short-range wireless radio on the electronic device; and
- in response to establishing the communication, initiating a transaction with the terminal via the short-range wireless radio using the selected credential.
- 12. The method of claim 11, wherein the wireless radio comprises an ultra-wideband (UWB) radio configured to decrypt the response message, wherein the response message is encrypted with a hard-coded secure key.
- 13. The non-transitory computer-readable medium of claim 8, wherein the selecting the credential operation comprises:
 - determining that a selection from the one or more eligible credentials is not received within a second predetermined distance from the terminal that is less the first predetermined distance from the terminal; and
 - selecting a default credential from the one or more eligible credentials.
- **14**. The electronic device of claim 1, wherein the fast passage gate comprises a virtual line or demarcation point between a general area and a transit platform.
- **15**. The electronic device of claim 1, wherein to initiate the transaction, the processor is configured to:
 - initiate, via the wireless radio, the transaction after the electronic device crosses the fast passage gate.
- 16. The electronic device of claim 1, wherein to present the one or more credentials, the processor is configured to display the one or more credentials on a display of the electronic device.
- 17. The electronic device of claim 1, wherein to initiate the transaction, the processor is further configured to:
 - initiate, via the wireless radio, the transaction before the electronic device crosses the fast passage gate.
- 18. The method of claim 11, further comprising: receiving authentication information indicating that the transaction is authorized.